

ABSTRACT

An image processing system is used for dentistry. Upon creating a false tooth of a patient (59), a plurality of illuminating light of LEDs with different wavelengths emit light and a photographing apparatus (1A) photographs a tooth portion of the patient (59), thereby obtaining image data. The image data is sent to a dentistry filing system (2A) serving as a processing apparatus, and color reproducing data is obtained by calculation. The color reproducing data is sent to a dentistry factory (55) via a public line. Data is searched from a database (56) for calculating a ceramic compounding ratio, compound data of the ceramic false tooth is obtained, matching the color of the tooth portion of the patient (59), and the false tooth approximate to the tooth color of the patient (59) is created.